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PHOTOGRAPHIC INTELLIGENCE BRIEF

CIA/PIC

SUBJECT	: Probable Missile Launch and Electronics Complex	NO	: PIC/B-4/60
		DATE	: 4 May 1960
LOCATION	: 50 nm WSW of Sary Shagan, USSR	LAT	: 46°10'N (Approx.)
WAC	: 245	LONG	: 72°25'E (Approx.)

PHOTO DATA:

[redacted]

25X1D

REFERENCES:

CIA. PIC/JB-76/60, Sary Shagan Support Base, 22 Apr 60 (TSC)
CIA. PIC/JB-86/60, Missile Launch Complex, 4 May 60 (TSC)

REMARKS:

This brief, which is the result of a preliminary photographic analysis, identifies a large road-served probable missile launch and electronics complex approximately 50 nm (nautical miles) west-southwest of the Sary Shagan Support Base (see CIA/PIC/JB-76/60). The complex consists of: a single-fenced probable missile launch site; a double-fenced installation which may be a missile launch site or an electronics site; a network of instrumentation sites; an area containing a drive-through building; and a large support area. A brief description of these installations follows (see Figure 1).

The probable launch site consists of a road-served rectangular paved area 300 by 120 feet with the major axis oriented west-northwest/east-southeast. A possible rail launcher approximately 30 feet long is positioned on the north side of the paved area. Two earth-mounded structures, probably for control purposes, are located a short distance north of the paved area.

PIC/B-4/60

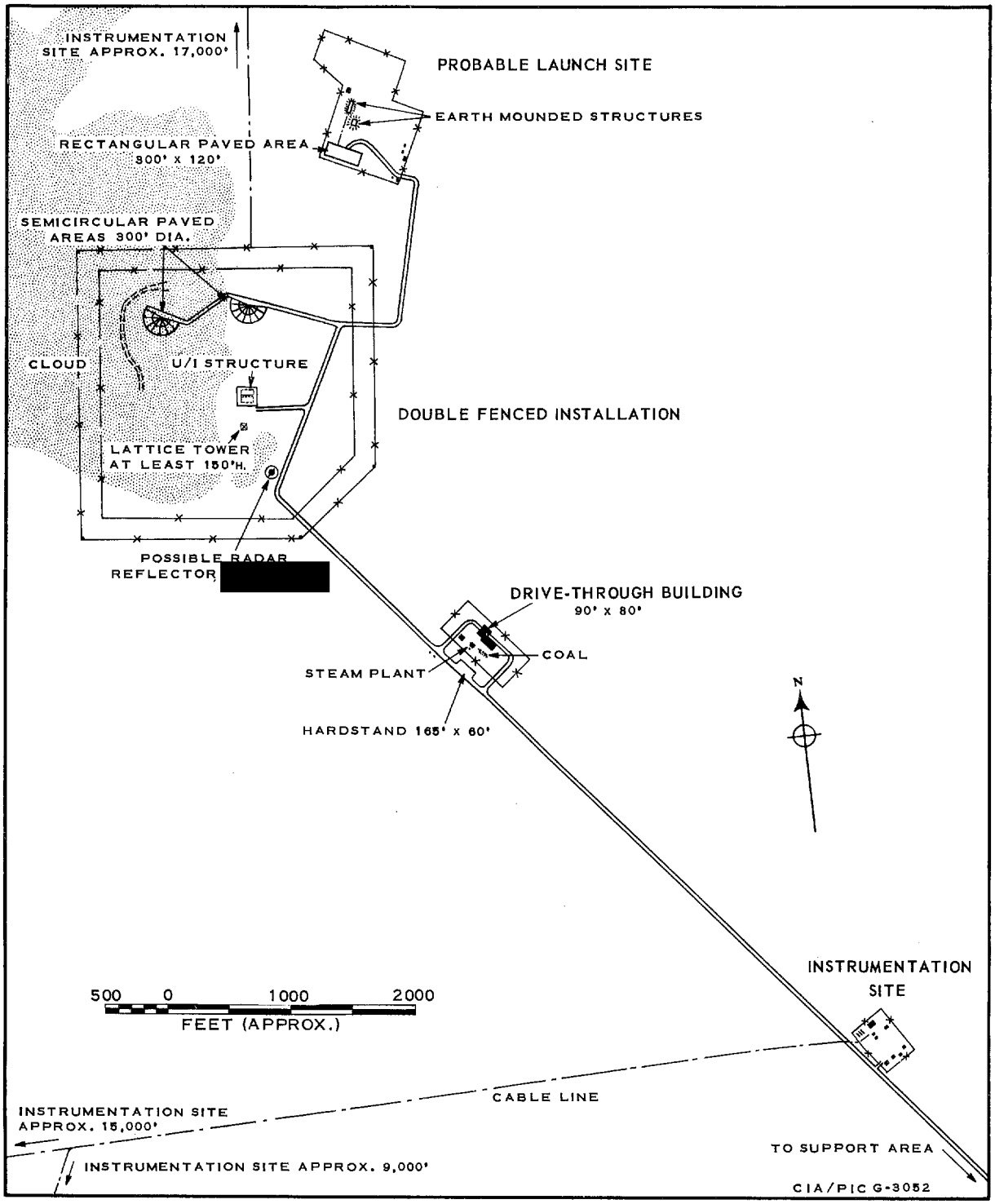

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FIGURE 1. PROBABLE MISSILE LAUNCH AND ELECTRONICS COMPLEX.

The double-fenced installation consists of two semicircular paved areas , a lattice tower at least 150 feet high (probably microwave), an unidentified structure (probably for control purposes), and a possible radar reflector approximately [redacted] across. Since a portion of this installation is obscured by clouds, other facilities may exist which are not evident on the photography. Cloud cover also precludes complete stereo viewing of many of the reported items including the most prominent, the semicircular paved areas.

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Only one of the semicircular paved areas is visible on large-scale photography. It has a radius of approximately 150 feet (base length of 300 feet), and has an unusual configuration the function of which is undetermined (see Figure 2 for one concept of this paved area). A vertical object is positioned midway along the base of the paved area. The second semicircular paved area, which is visible on small-scale photography, appears to be identical to the one described above.

The instrumentation network consists of four sites, three of which are nearly identical and are interconnected by cable. These three sites are fenced and consist primarily of three or four buildings and a hard-stand for two or three vehicles. The fourth site consists of an instrumentation building connected by cable to the double-fenced installation.

The drive-through building is located in an area secured by a single fence. The building measures approximately 90 by 80 feet and has a longitudinal monitor approximately 50 feet wide. The vehicle entrance-way is 35 feet wide.

The support area is 2 nm southeast of the complex. It contains housing for more than 1,000 persons, administrative facilities, several motor pools, and numerous other support facilities. An airstrip is under construction just north of the support area.

In addition to the instrumentation network, an interferometer-type site is located approximately 12 nm southwest of the complex, and is connected to it by a good all-weather road. A long-range high frequency communications site, with two 2-bay fishbone antennas under construction and several mobile communications vehicles, is located approximately 16 nm west of the complex and 6 nm north-northwest of the interferometer-type site. It is connected to the interferometer-type site by an all-weather road.

NOTE: Because of the poor quality of base maps of this area and the scattered cloud cover on the photography, it is emphasized that the geographic positioning of this complex is approximate at this time.

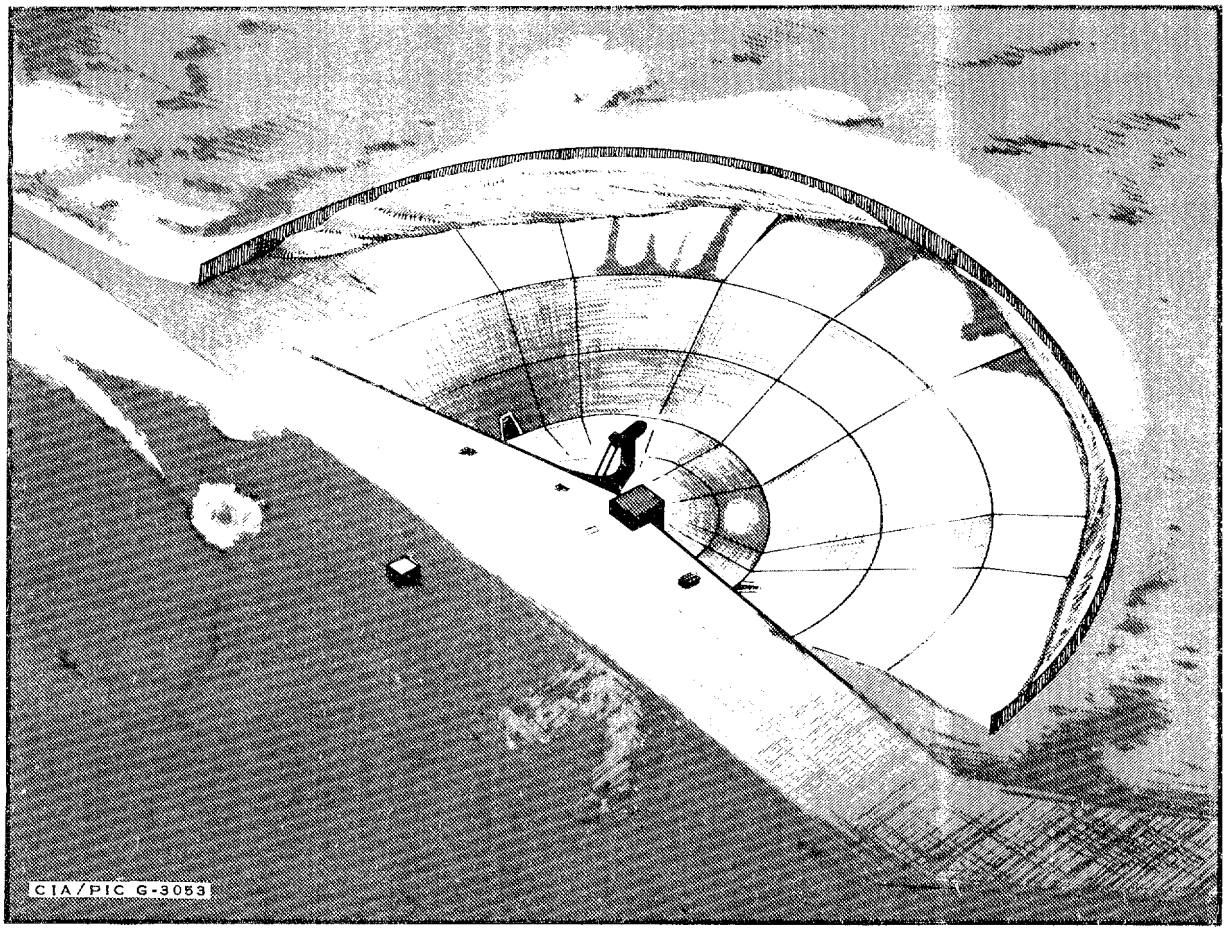

FIGURE 2. ONE CONCEPT OF THE SEMICIRCULAR PAVED AREAS.